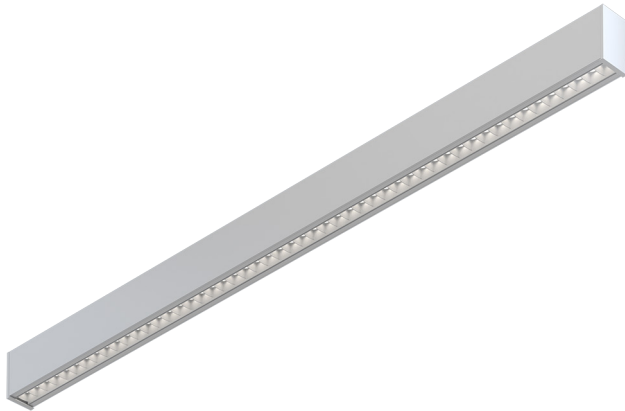


# LS1 Sharp direct

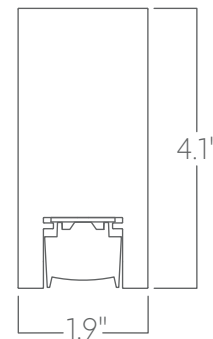


The Sharp Series of architectural luminaires features slim profiles, glare-free, beam shaping optical cells and several mounting options. Custom lengths are tailored to suit any modern space.

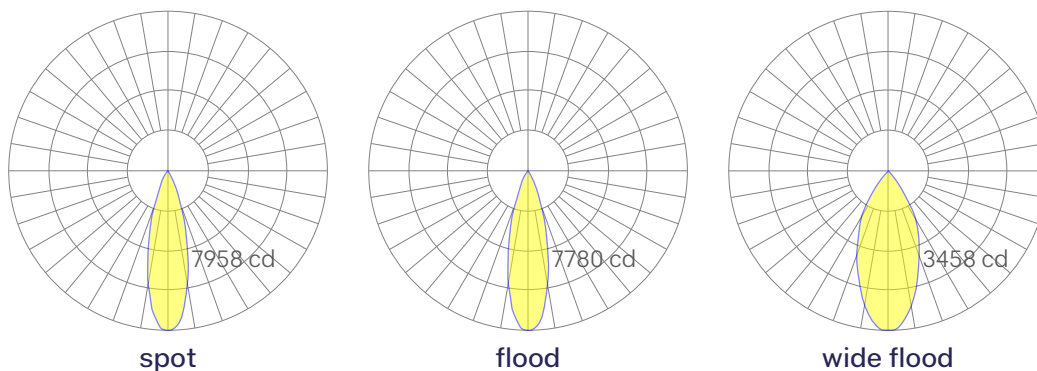
## Features

- Extruded recycled aluminum housing
- Glare-free, beam shaping optical cells
- Aluminum core LED boards, specifiable optics
- Specifiable color temperature. CRI > 90, R9 > 50
- Custom finishes available
- Specifiable dimmable drivers or PoE
- 5 Year, 50,000 hour warranty, damp location rated
- Compatible with all wood ceilings
- WELL Building Standard compatible [learn more](#)

## Dimensions



## Optics



Representative distribution and peak candela. For other options see order information or IES files [here](#).

# LS1 Sharp direct

## Ordering Information

For each option group below specify one option. If you don't see your preferred option listed, contact us for [help](#).

1	Fixture ID	2	Length	3	Color Temperature	4	Output
	<b>LS1 SHARP</b>	<b>2</b>	2 ft nominal	<b>27</b>	2700K/90 CRI	<b>LOW</b>	Low output
		<b>4</b>	4 ft nominal	<b>30</b>	3000K/90 CRI	<b>MED</b>	Medium output
		<b>8</b>	8 ft nominal	<b>35</b>	3500K/90 CRI	<b>HIGH</b>	High output
		<b>X'X"</b>	Specify Length Custom lengths available in 12" nominal increments	<b>40</b>	4000K/90 CRI	<b>CUST</b>	Custom output Specify Watts or lumens
5	Voltage	6	Driver	7	Finish	8	Mounting
<b>UNV</b>	Universal (120/277V)	<b>DB</b>	Standard 0-10V 1%	<b>Housing</b>		<b>AC</b>	Aircraft cable (50")
<b>347V</b>	347V Available for DB Driver only	<b>DB.1%</b>	0-10V 0.1%	<b>W</b>	White	<b>ACTB9</b>	Aircraft cable, Tbar clip, 9/16"
		<b>ELV</b>	Reverse Phase 1% (120V only) For compatible dimmers, click <a href="#">here</a> .	<b>BLK</b>	Black	<b>ACTB15</b>	Aircraft cable, Tbar clip, 15/16"
		<b>TRI</b>	Forward phase (120V only) For compatible dimmers, click <a href="#">here</a> .	<b>CC</b>	Custom Color See finish options <a href="#">here</a> .	<b>ACTBSG</b>	Aircraft cable, Tbar clip, Slot Grid
		<b>LDE</b>	Lutron Digital EcoSystem	<b>Louver</b>		<b>AC3.5</b>	3.5" canopy + Jbox adaptor adaptor must be mudded-in.
		<b>DALI</b>	DALI-2 Driver	<b>W</b>	White	<b>ACCC</b>	Aircraft cable to Conduit Pipe Canopy
		<b>PoE</b>	Power over Ethernet.	<b>BLK</b>	Black	<b>PS-X</b>	Pendant stem (12", 18", 24", 36", 48")
		<b>DMX</b>	DMX512 All DMX drivers set to default address 001 and provided in remote enclosures. Contact us for other addressing needs.				
			All drivers provided in remote enclosures				
9	Optics	10	Sensors/Controls	11	Circuit	12	Options
<b>SP</b>	24° beam	<b>NA</b>	None	<b>NA</b>	None	<b>STD</b>	White Canopy + White Cord
<b>FL</b>	30° beam	<b>ACM</b>	Acuity nLight Module Only	<b>EMPCK</b>	Emergency battery pack May require additional power feeds.	<b>CAN-X</b>	Canopy + color See finish options <a href="#">here</a> .
<b>WFL</b>	44° beam	<b>CCS</b>	Casambi Module	<b>EMCKT</b>	Emergency circuit May require additional power feeds.	<b>SJ-BLK</b>	Black cord
		<b>AWNRR</b>	Lutron Athena Wireless Node Module	<b>DAYCKT</b>	Daylight circuit May require additional power feeds.	<b>SJ-WHT</b>	White cord
		<b>OTHER</b>	Consult Factory				

## Performance

Output <sup>1</sup>	Watts/ft	Lumens/ft
Low	5	419
Medium	7	609
High	10	799

<sup>1</sup>Based on WFL optic, 90 CRI, 3500K luminaire using one driver.  
Custom outputs available. Please consult factory.  
For 4000K multiply by 1.05, for 3000K, 0.9%, for 2700K, 0.92.

## Technical Information



click [here](#) or  
scan QR code

Wiring diagrams, PoE and sensor details

# LS1 Sharp direct

## Drivers & Electrical

Remote, dimmable drivers are supplied in enclosures.

For remote driver box sizes, click [here](#).

## Emergency Back-Up

For fixtures three-feet or longer, a 4W remote emergency driver may be wired to 4ft sections. 7W, 10W, and 12W drivers are also available. Emergency circuits for use with building generators are also available.

## PoE (Power over Ethernet)

Compatible with virtually all PoE systems including Molex Coresync, Igor, Smartengine, Platformatics, and NuLED SPICEbox.

Consult factory for systems not listed. See [here](#) for more info.

## Finishes

All luminaires are finished in high quality polyester powder coating. Our standard color is white. Any RAL color may be specified.

## Weight

3 lbs per foot

## Optics

Glare-free, beam shaping optical cells.

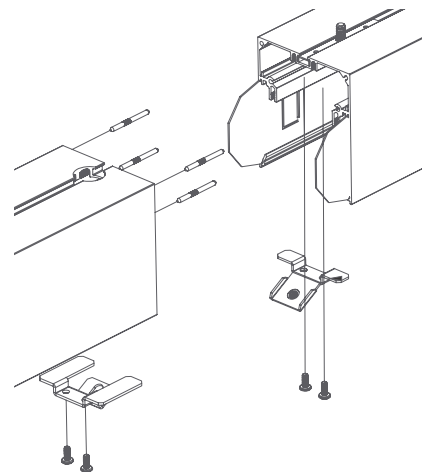
## Construction

Extruded, recycled aluminum housing with formed steel ends.

## Joined Runs

Runs of any length<sup>1</sup> may be specified and are comprised of multiple, factory-engineered, joined sections. Individually specified luminaires are not field joinable.

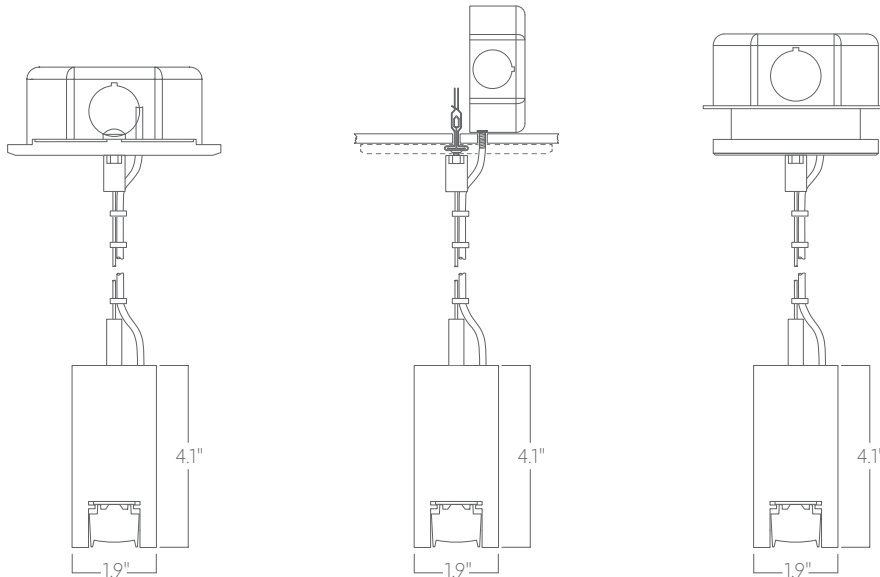
<sup>1</sup>Custom lengths available in 12" nominal increments.



Representative joinery. For product specific details see installation guides or submittal drawings.

## Mounting Options

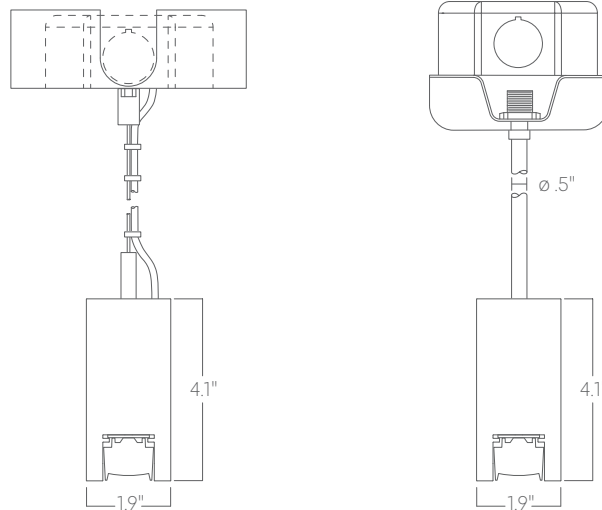
Custom mounting types and ceiling transitions available; consult factory.



**Aircraft cable  
5" canopy**

**Aircraft cable  
5" canopy, T Bar Clip**

**Aircraft cable  
3.5" canopy**



**Aircraft cable  
Conduit canopy  
with knockouts**

**Pendant stem**

Please consult factory shop drawings for suspension points.

To prevent damage to fixtures, factory designated suspension points must not be field altered.

Do not attempt installation if you do not understand the installation instructions.